

AMENDMENTS TO THE CLAIMS

Listing of claims:

1. (Currently Amended) A plug-in connection apparatus for plugging ~~at least one of~~ into ~~and/or~~ onto a mating plug-in connection apparatus to electrically connect electrical modules, comprising:
 - a housing; and
 - at least one locking device, ~~serving to mechanically couple the plug-in connection apparatus to the mating plug-in connection apparatus;~~
 - being movable between a locked position and an unlocked position, ~~and~~
 - being integrally connected to the housing, ~~the locking device~~
 - including a locking element that mechanically couples the plug-in connection apparatus to the mating plug-in connection apparatus when the locking device is in the locked position, and
 - including an unlocking element ~~which, in the unlocked position, that engages in with~~ a mating element, ~~arranged on the housing, which complements the unlocking element so that when the locking device is in the unlocked position is fixable to retain the locking device in the unlocked position.~~
2. (Previously Presented) The plug-in connection apparatus as claimed in claim 1, wherein the locking device includes at least one of a locking hook and a locking eye for mechanical coupling to the mating plug-in connection apparatus.
3. (Previously Presented) The plug-in connection apparatus as claimed in claim 1, wherein the locking device includes an end which is rigidly connected to the housing, as a result of which the locking device is resiliently mounted on the housing.
4. (Previously Presented) The plug-in connection apparatus as claimed in claim 1, wherein the unlocking element includes at least one of an unlocking hook and an unlocking eye.
5. (Previously Presented) The plug-in connection apparatus as claimed in claim 1, wherein the unlocking element and the mating element engage in such a way that the unlocking

element automatically disengages from the mating element when the plug-in connection apparatus is inserted into the mating plug-in connection apparatus.

6. (Previously Presented) The plug-in connection apparatus as claimed in claim 1, wherein the locking device is resiliently mounted on the housing in such a way that it is prestressed toward the locked position, so that the locking device automatically snaps into the locked position when the plug-in connection apparatus is inserted into the mating plug-in connection apparatus.

7. (Previously Presented) The plug-in connection apparatus as claimed in claim 2, wherein the free end of the locking hook includes an edge inclined essentially in the direction of the insertion movement of the plug-in connection apparatus into the mating plug-in connection apparatus.

8. (Previously Presented) The plug-in connection apparatus as claimed in claim 7, wherein the edge directly adjoins a projection of the locking hook, which projection engages on the connector in the locked position.

9. (Previously Presented) The plug-in connection apparatus as claimed in claim 1, wherein a respective locking device is provided on two opposite sides of the housing.

10. (Currently Amended) A plug-in connection system, comprising:
atthe plug-in connection apparatus as claimed in claim 1, in the form of a socket; and
atthe mating plug-in connection apparatus which corresponds to a connector.

11. (Canceled)

12. (Previously Presented) A method for disconnecting atthe plug-in connection apparatus as claimed in claim 1 from the mating plug-in connection apparatus, the method comprising:

fixing the at least one locking device in the unlocked position via the unlocking
~~device~~element; and
releasing the plug-in connection apparatus from the mating plug-in connection apparatus.

13. (Cancelled)

14. (Previously Presented) The plug-in connection apparatus as claimed in claim 2,
wherein the locking device includes an end which is rigidly connected to the housing, as a result of
which the locking device is resiliently mounted on the housing.

15. (Previously Presented) The plug-in connection apparatus as claimed in claim 2,
wherein the unlocking element includes at least one of an unlocking hook and an unlocking eye.

16. (Previously Presented) The plug-in connection apparatus as claimed in claim 2,
wherein the unlocking element and the mating element engage in such a way that the unlocking
element automatically disengages from the mating element when the plug-in connection apparatus
is inserted into the mating plug-in connection apparatus.

17. (Currently Amended) A plug-in connection system, comprising:
~~at~~the plug-in connection apparatus as claimed in claim 2, the apparatus being in the form of
a socket; and
~~at~~the mating plug-in connection apparatus which corresponds to a connector.

18. (Currently Amended) A plug-in connection system, comprising:
~~at~~the plug-in connection apparatus as claimed in claim 2, in the form of a connector; and
~~at~~the mating plug-in connection apparatus which corresponds to a socket.

19. (Currently Amended) A method for disconnecting ~~at~~the plug-in connection
apparatus as claimed in claim 2 from the mating plug-in connection apparatus, the method
comprising:

fixing the at least one locking device in the unlocked position via the unlocking
~~device~~element; and

releasing the plug-in connection apparatus from the mating plug-in connection apparatus.